

"Fitting and Tubing End Cleaning and Deburring Tool"

Inventor: MONSON, Mark A.

Docket No. KARBO-3

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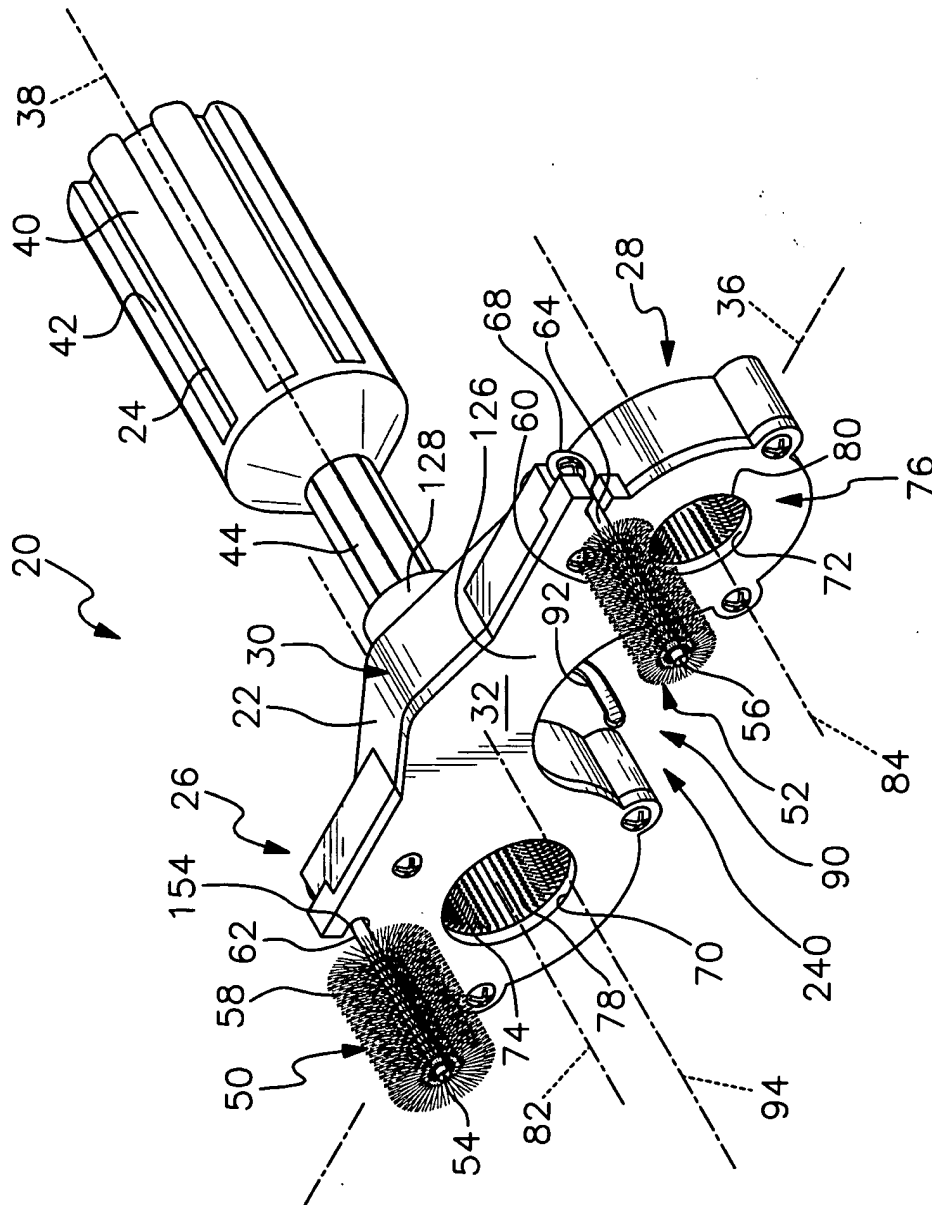


Fig. 1

"Fitting and Tubing End Cleaning and Deburring Tool"

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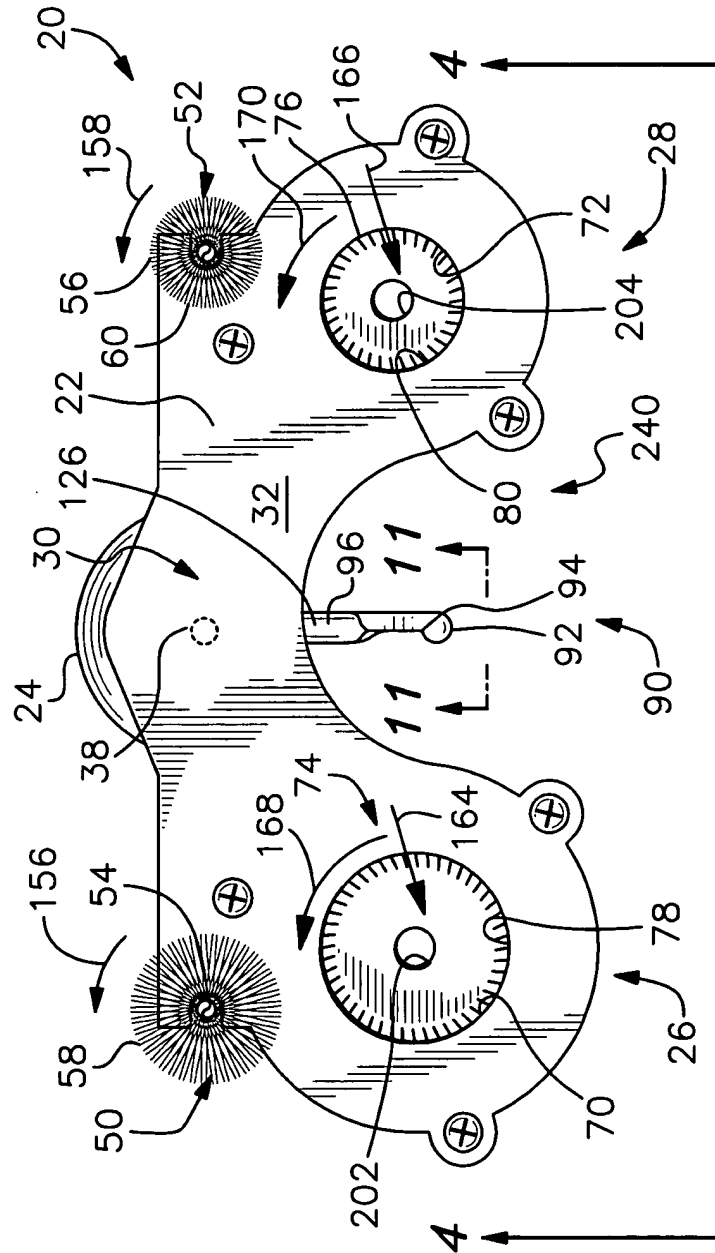


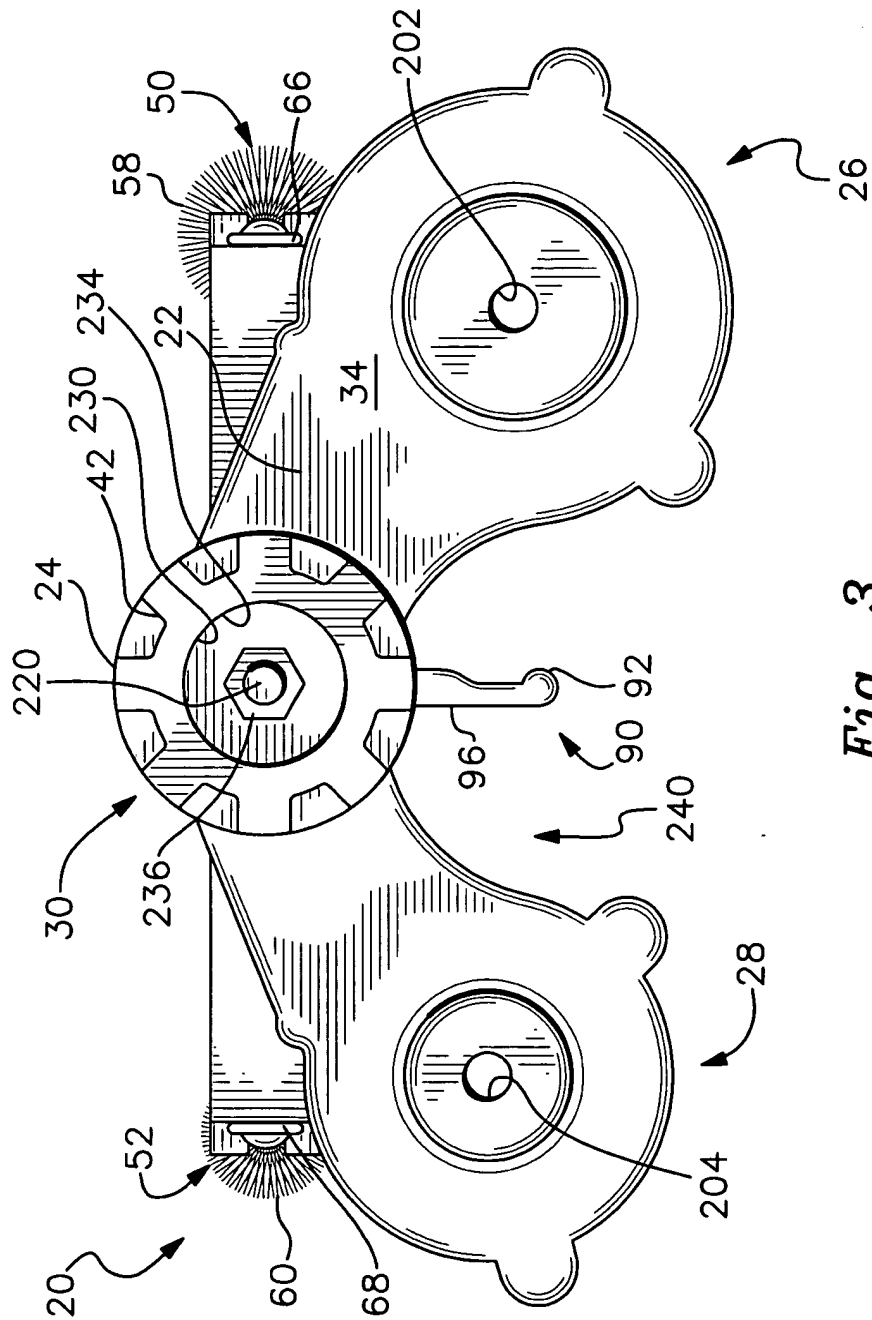
Fig. 2

"Fitting and Tubing End Cleaning and Deburring Tool"

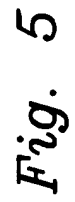
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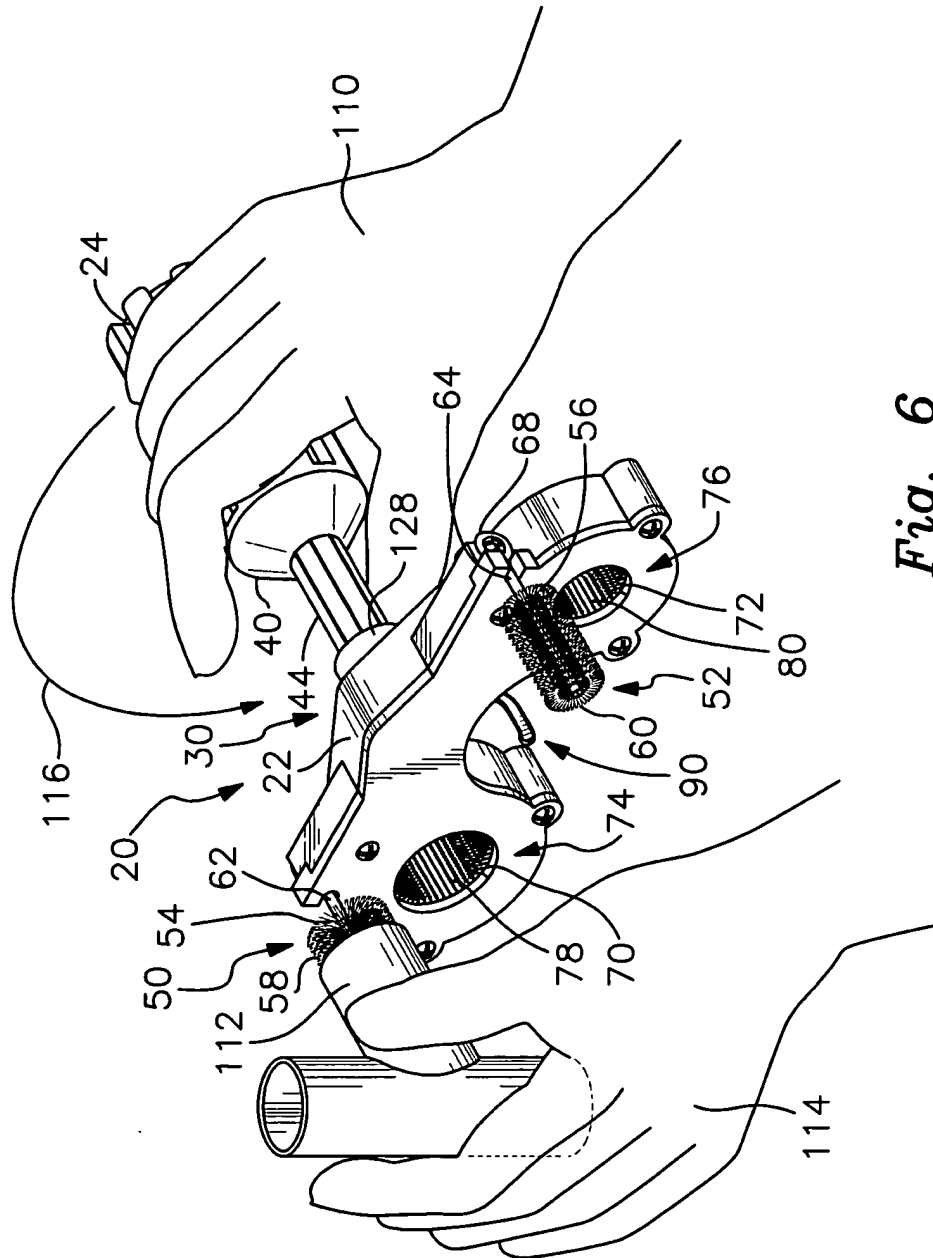


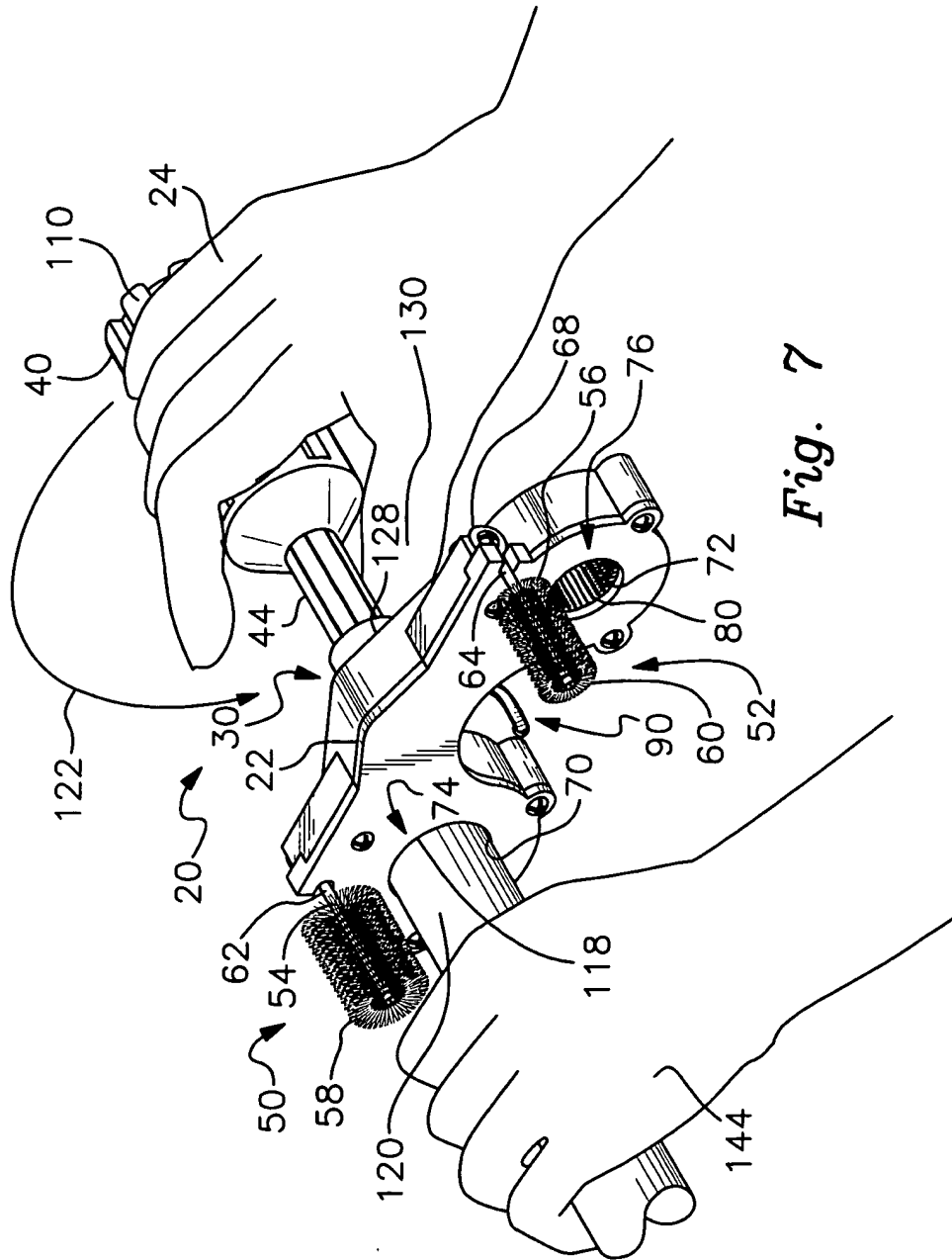
Fig. 6

"Fitting and Tubing End Cleaning and Deburring Tool"

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This technical drawing is an exploded perspective view of a mechanical assembly, likely a pump or motor. The components are labeled with reference numerals: 20, 22, 24, 40, 42, 44, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 92, 128, 140, 142, 144, 146, 150, 152, 154, 155, 156, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 410, 412, 414, 416, 418, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 440, 442, 444, 446, 448, 450, 452, 454, 456, 458, 460, 462, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 494, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514, 516, 518, 520, 522, 524, 526, 528, 530, 532, 534, 536, 538, 540, 542, 544, 546, 548, 550, 552, 554, 556, 558, 560, 562, 564, 566, 568, 570, 572, 574, 576, 578, 580, 582, 584, 586, 588, 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610, 612, 614, 616, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 648, 650, 652, 654, 656, 658, 660, 662, 664, 666, 668, 670, 672, 674, 676, 678, 680, 682, 684, 686, 688, 690, 692, 694, 696, 698, 700, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 754, 756, 758, 760, 762, 764, 766, 768, 770, 772, 774, 776, 778, 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856, 858, 860, 862, 864, 866, 868, 870, 872, 874, 876, 878, 880, 882, 884, 886, 888, 890, 892, 894, 896, 898, 900, 902, 904, 906, 908, 910, 912, 914, 916, 918, 920, 922, 924, 926, 928, 930, 932, 934, 936, 938, 940, 942, 944, 946, 948, 950, 952, 954, 956, 958, 960, 962, 964, 966, 968, 970, 972, 974, 976, 978, 980, 982, 984, 986, 988, 990, 992, 994, 996, 998, 1000. The assembly includes a central shaft (20) with a pulley (22) and a motor (24). The motor has a stator (40) and a rotor (42). The rotor is connected to a pump head (50) which contains a pump chamber (52) and a pump impeller (54). The pump head is connected to a pump outlet (56). The pump outlet is connected to a pump inlet (58). The pump inlet is connected to a pump chamber (60) which contains a pump impeller (62). The pump chamber is connected to a pump outlet (64). The pump outlet is connected to a pump inlet (66). The pump inlet is connected to a pump chamber (68) which contains a pump impeller (70). The pump chamber is connected to a pump outlet (72). The pump outlet is connected to a pump inlet (74). The pump inlet is connected to a pump chamber (76) which contains a pump impeller (78). The pump chamber is connected to a pump outlet (80). The pump outlet is connected to a pump inlet (82). The pump inlet is connected to a pump chamber (84) which contains a pump impeller (86). The pump chamber is connected to a pump outlet (88). The pump outlet is connected to a pump inlet (90). The pump inlet is connected to a pump chamber (92) which contains a pump impeller (94). The pump chamber is connected to a pump outlet (96). The pump outlet is connected to a pump inlet (98). The pump inlet is connected to a pump chamber (100) which contains a pump impeller (102). The pump chamber is connected to a pump outlet (104). The pump outlet is connected to a pump inlet (106). The pump inlet is connected to a pump chamber (108) which contains a pump impeller (110). The pump chamber is connected to a pump outlet (112). The pump outlet is connected to a pump inlet (114). The pump inlet is connected to a pump chamber (116) which contains a pump impeller (118). The pump chamber is connected to a pump outlet (120). The pump outlet is connected to a pump inlet (122). The pump inlet is connected to a pump chamber (124) which contains a pump impeller (126). The pump chamber is connected to a pump outlet (128). The pump outlet is connected to a pump inlet (130). The pump inlet is connected to a pump chamber (132) which contains a pump impeller (134). The pump chamber is connected to a pump outlet (136). The pump outlet is connected to a pump inlet (138). The pump inlet is connected to a pump chamber (140) which contains a pump impeller (142). The pump chamber is connected to a pump outlet (144). The pump outlet is connected to a pump inlet (146). The pump inlet is connected to a pump chamber (148) which contains a pump impeller (150). The pump chamber is connected to a pump outlet (152). The pump outlet is connected to a pump inlet (154). The pump inlet is connected to a pump chamber (156) which contains a pump impeller (158). The pump chamber is connected to a pump outlet (160). The pump outlet is connected to a pump inlet (162). The pump inlet is connected to a pump chamber (164) which contains a pump impeller (166). 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The pump chamber is connected to a pump outlet (208). The pump outlet is connected to a pump inlet (210). The pump inlet is connected to a pump chamber (212) which contains a pump impeller (214). The pump chamber is connected to a pump outlet (216). The pump outlet is connected to a pump inlet (218). The pump inlet is connected to a pump chamber (220) which contains a pump impeller (222). The pump chamber is connected to a pump outlet (224). The pump outlet is connected to a pump inlet (226). The pump inlet is connected to a pump chamber (228) which contains a pump impeller (230). The pump chamber is connected to a pump outlet (232). The pump outlet is connected to a pump inlet (234). The pump inlet is connected to a pump chamber (236) which contains a pump impeller (238). The pump chamber is connected to a pump outlet (240). The pump outlet is connected to a pump inlet (242). The pump inlet is connected to a pump chamber (244) which contains a pump impeller (246). The pump chamber is connected to a pump outlet (248). The pump outlet is connected to a pump inlet (250). The pump inlet is connected to a pump chamber (252) which contains a pump impeller (254). The pump chamber is connected to a pump outlet (256). The pump outlet is connected to a pump inlet (258). The pump inlet is connected to a pump chamber (260) which contains a pump impeller (262). The pump chamber is connected to a pump outlet (264). The pump outlet is connected to a pump inlet (266). The pump inlet is connected to a pump chamber (268) which contains a pump impeller (270). The pump chamber is connected to a pump outlet (272). The pump outlet is connected to a pump inlet (274). The pump inlet is connected to a pump chamber (276) which contains a pump impeller (278). The pump chamber is connected to a pump outlet (280). The pump outlet is connected to a pump inlet (282). The pump inlet is connected to a pump chamber (284) which contains a pump impeller (286). The pump chamber is connected to a pump outlet (288). The pump outlet is connected to a pump inlet (290). The pump inlet is connected to a pump chamber (292) which contains a pump impeller (294). The pump chamber is connected to a pump outlet (296). The pump outlet is connected to a pump inlet (298). The pump inlet is connected to a pump chamber (300) which contains a pump impeller (302). The pump chamber is connected to a pump outlet (304). The pump outlet is connected to a pump inlet (306). The pump inlet is connected to a pump chamber (308) which contains a pump impeller (310). The pump chamber is connected to a pump outlet (312). The pump outlet is connected to a pump inlet (314). The pump inlet is connected to a pump chamber (316) which contains a pump impeller (31

Fig. 8

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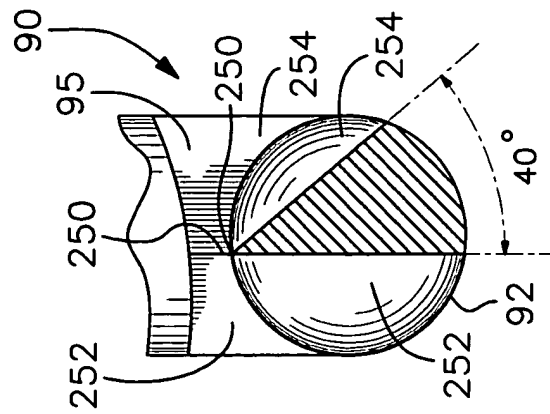


Fig. 12

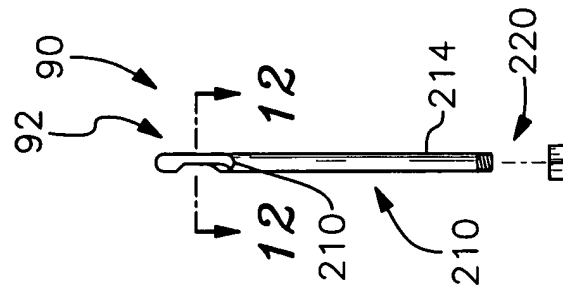


Fig. 11

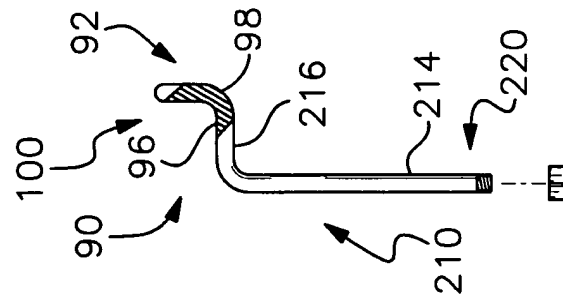


Fig. 10

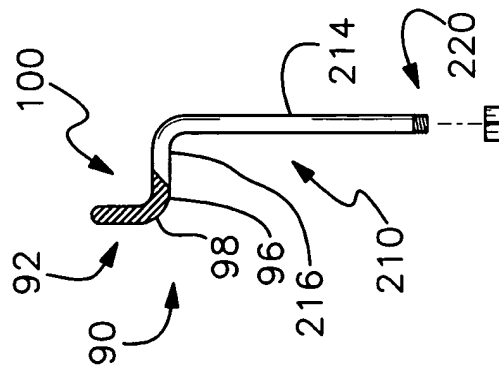


Fig. 9